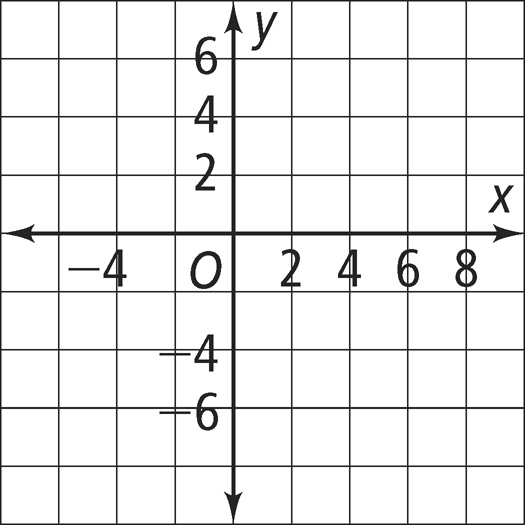
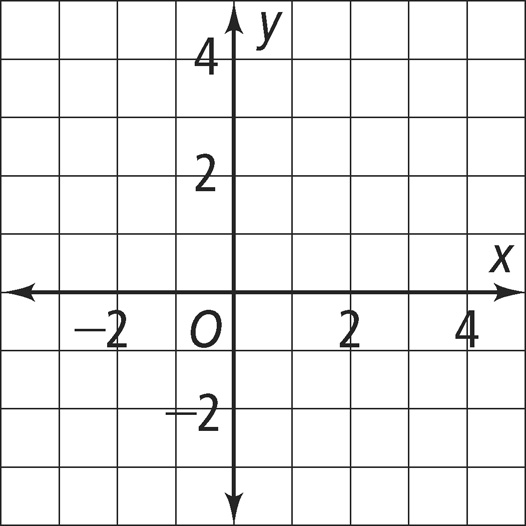
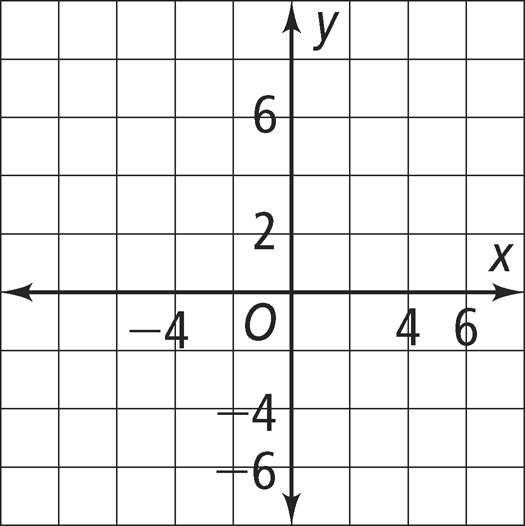
**Sketch the graph of each equation. Find all points of intersection of each pair of graphs.** (Hint: use substitution to find the points of intersection!) Use the quadratic formula (above) or FOIL to factor.

**1.** *x*2 + *y*2 = 65

y = x − 3

**2.** *x*2 + *y*2 = 10

y = 3

**3.** (*x* + 2)2 + (*y* − 2)2 = 16

y = −x + 4

